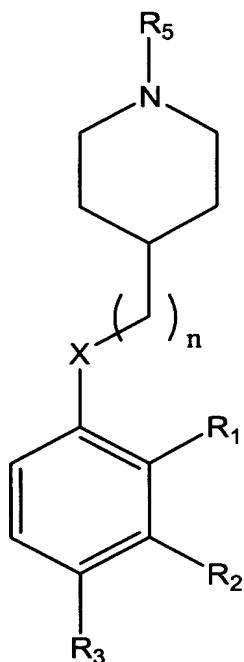


Listing of Claims:

1. (presently amended) A compound of formula (I):



wherein X is O;

n is an integer from 0 to 3;

R₅ is C₁₋₁₀ alkyl, C₃₋₈ alkenyl, C₃₋₈ cycloalkyl, (C₃₋₈ cycloalkyl) C₁₋₆ alkyl, (phenyl)C₁₋₆ alkyl, (phenyl)C₃₋₈ alkenyl, or (C₁₋₈ alkylcarbonyl)C₁₋₈ alkyl;

one of R₁, R₂, and R₃ is W or G, wherein one of the remaining two is selected from H and halogen, and the third being hydrogen;

W is piperazinyl or morpholinyl;

G is piperazinylmethyl or morpholinylmethyl;

wherein each of the above alkyl, alkylene, alkenyl, alkenylene, alkynyl, alkynylene, heterocyclyl, cycloalkyl, and aryl groups may each be independently and optionally substituted with between 1 and 3 substituents selected from halo, amino, nitro, hydroxyl, and C₁₋₃ alkyl;

or a pharmaceutically acceptable salt, ester, or amide thereof.

2. (original) A compound of claim 1, wherein R₅ is C₁₋₅ alkyl, C₃₋₄ alkenyl, C₃₋₆ cycloalkyl, (C₃₋₆ cycloalkyl) C₁alkylene, (phenyl)C₁₋₃ alkylene, or (phenyl)C₃₋₄ alkenylene.
3. (original) A compound of claim 2, wherein R₅ is branched C₃₋₅ alkyl, C₃₋₆ cycloalkyl, and (C₃₋₆ cycloalkyl) C₁ alkylene.
4. (previously amended) A compound of claim 1, wherein one of R₂ and R₃ is W.
5. (previously amended) A compound of claim 4, wherein R₂ is W.
6. (previously amended) A compound of claim 4, wherein R₃ is W.
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (previously amended) A compound of claim 1, wherein W is a substituted or unsubstituted N-morpholinyl.
16. (canceled)
17. (canceled)
18. (canceled)
19. (canceled)
20. (original) A compound of claim 18, wherein R₅ is C₁₋₅ alkyl, C₃₋₄ alkenyl, C₃₋₆ cycloalkyl, (C₃₋₆ cycloalkyl) C₁alkylene, (phenyl)C₁₋₃ alkylene, or (phenyl)C₃₋₄ alkenylene.


21. (original) A compound of claim 1, wherein n is 0 or 1.
22. (original) A compound of claim 21, wherein n is 0.
23. (canceled)
24. (canceled)
25. (canceled)
26. (canceled)
27. (canceled)
28. (canceled)
29. (canceled)
30. (canceled)
31. (canceled)
32. (canceled)
33. (previously amended) A compound of claim 1, wherein R₅ is C₁₋₅ alkyl, C₃₋₄ alkenyl, C₃₋₆ cycloalkyl, (C₃₋₆ cycloalkyl) C₁alkylene, (phenyl)C₁₋₃ alkylene, or (phenyl)C₃₋₄ alkenylene.
34. (canceled)
35. (canceled)
36. (original) A compound of claim 1, wherein one of R₂ and R₃ is W.
37. (original) A compound of claim 21, wherein R₅ is branched C₃₋₅ alkyl.
38. (original) A compound of claim 21, wherein R₅ is isopropyl or cyclopentyl.
39. (canceled)
40. (canceled)
41. (canceled)

42. (canceled)
43. (original) A compound of claim 1, selected from 1-Isopropyl-4-[4-(1-isopropyl-piperidin-4-yloxy)-phenyl]-piperazine, 1-[4-(1-Isopropyl-piperidin-4-yloxy)-phenyl]-piperazine, and 1-[4-(1-Isopropyl-piperidin-4-yloxy)-phenyl]-piperazine.
44. (previously amended) A compound of claim 1, selected from 4-[4-(1-sec-Butyl-piperidin-4-yloxy)-benzyl]-morpholine, 1-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-4-methyl-piperazine, 4-[4-(1-sec-Butyl-piperidin-4-yloxy)-benzyl]-morpholine, 1-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-4-phenyl-piperazine, 1-Benzyl-4-[4-(1-isopropyl-piperidin-4-yloxy)-benzyl]-piperazine, 4-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-morpholine, 4-[4-(1-Cyclohexyl-piperidin-4-yloxy)-benzyl]-morpholine, 4-[4-(1-Isobutyl-piperidin-4-yloxy)-benzyl]-morpholine, and 4-[4-(1-Propyl-piperidin-4-yloxy)-benzyl]-morpholine.
45. (previously amended) A compound of claim 1, selected from 4-[4-(1-sec-Butyl-piperidin-4-yloxy)-benzyl]-morpholine, 1-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-4-methyl-piperazine, 4-[4-(1-Cyclopentyl-piperidin-4-yloxy)-benzyl]-morpholine, 4-[4-(1-sec-Butyl-piperidin-4-yloxy)-benzyl]-morpholine, 1-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-4-phenyl-piperazine, 1-Benzyl-4-[4-(1-isopropyl-piperidin-4-yloxy)-benzyl]-piperazine, 4-[4-(1-Isopropyl-piperidin-4-yloxy)-benzyl]-morpholine, 4-[4-(1-Cyclohexyl-piperidin-4-yloxy)-benzyl]-morpholine, and 4-[4-(1-Isobutyl-piperidin-4-yloxy)-benzyl]-morpholine.
46. (canceled)
47. (canceled)
48. (original) A pharmaceutical composition, comprising a compound of claim 1 and a pharmaceutically acceptable carrier.
49. (canceled)
50. (canceled)
51. (previously amended) A method of treating a subject having a disease or condition selected from the group consisting of sleep/wake disorders, arousal/vigilance disorders, migraine, asthma, dementia, mild cognitive impairment, Alzheimer's disease, epilepsy, narcolepsy, eating disorders, motion sickness, vertigo, attention deficit hyperactivity disorders, learning disorders, memory

retention disorders, schizophrenia, nasal congestion, allergic rhinitis, and upper airway allergic response, comprising administering to the subject a therapeutically effective amount of a compound of claim 1, 21, or 45.

- 52. (canceled)
- 53. (canceled)
- 54. (canceled)
- 55. (canceled)
- 56. (previously amended) A method for treating one or more disorders or conditions selected from the group consisting of sleep/wake disorders, narcolepsy, and arousal/vigilance disorders, comprising administering to a subject a therapeutically effective amount of a compound of claim 1, 21, or 45.
- 57. (previously amended) A method for treating attention deficit hyperactivity disorders (ADHD), comprising administering to a subject a therapeutically effective amount of a compound of claim 1, 21, or 45.
- 58. (previously amended) A method for treating one or more disorders or conditions selected from the group consisting of dementia, mild cognitive impairment (pre-dementia), cognitive dysfunction, schizophrenia, depression, manic disorders, bipolar disorders, and learning and memory disorders, comprising administering to a subject a therapeutically effective amount of a compound of claim 1, 21, or 45.
- 59. (previously amended) A method for treating upper airway allergic response, nasal congestion, or allergic rhinitis, comprising administering to a subject a therapeutically effective amount of a compound of claim 1, 21, or 45.
- 60. (canceled)

Respectfully submitted,

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Dated: April 2, 2004